

ABSTRACT

A fuel cell system has at least one fuel cell unit, an anode-side medium-supply element for supplying an operating medium, and anode-side medium-discharge element for discharging an outgoing anode stream. A cathode-side medium-supply element supplies an oxidizing agent and a cathode-side medium-discharge element discharges an outgoing cathode stream. A dewatering device is arranged in the fuel cell system, for removing water from a flow of medium. Upstream of or at the entry or at the entry region of the dewatering device, a unit is provided for adjusting the rate at which water is separated out of the flow of medium.